

## PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:	Group Art Unit: 1631
Andrew A. Conway	Examiner: Riggs II, Larry D.
Application No.: 10/815,102	Docket No. 10050845-1
Filed: March 30, 2004	Confirmation No. 6571
For: <b>Detecting Recessive Diseases In Inbred Populations</b>	

## RESPONSE

**MAIL STOP AMENDMENT**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

SMITH FROHWEIN TEMPEL  
GREENLEE BLAHA LLC  
Customer No. 35856

Sir:

In response to the non-final Office Action mailed by the U.S. Patent and Trademark Office on February 6, 2008, Applicant submits the following amendment and remarks.

Amendments to the specification begin on page 2 of this paper.

Amendments to the claims are reflected in the listing of claims that begins on page 3 of this paper.

Remarks begin on page 10 of this paper.

It is not believed that extensions of time or fees for net addition of claims are required beyond those which may otherwise be provided for in documents accompanying this paper. However, in the event that additional extensions of time are necessary to allow consideration of this paper, such extensions are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required therefor (including fees for net addition of claims) are hereby authorized to be charged to Agilent Technologies' Deposit Account No. 50-1078.

I hereby certify that this correspondence, including any items indicated as attached or included, is being electronically transmitted via EFS-WEB to the United States Patent and Trademark Office, on the date indicated below.

Date: 04/28/2008      /Michael J. Tempel/  
Signature – Michael J. Tempel